

50

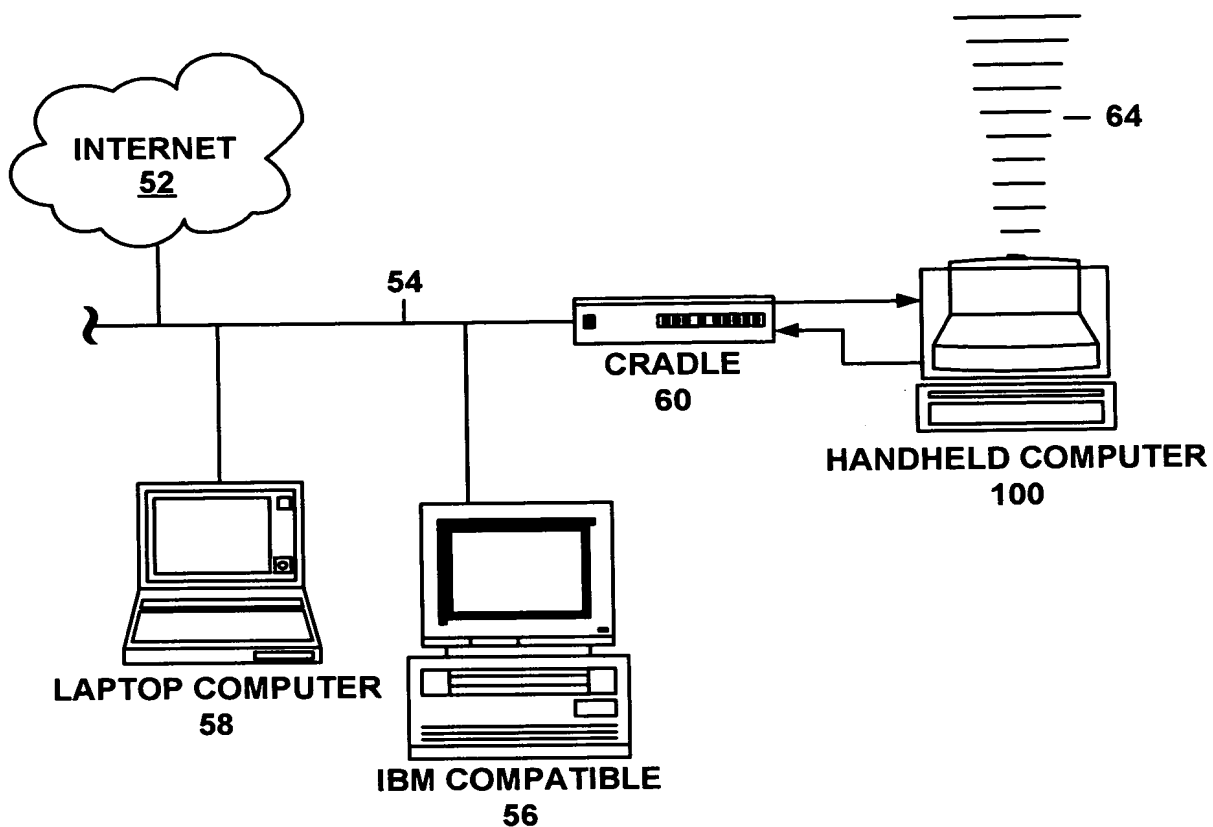


FIGURE 1

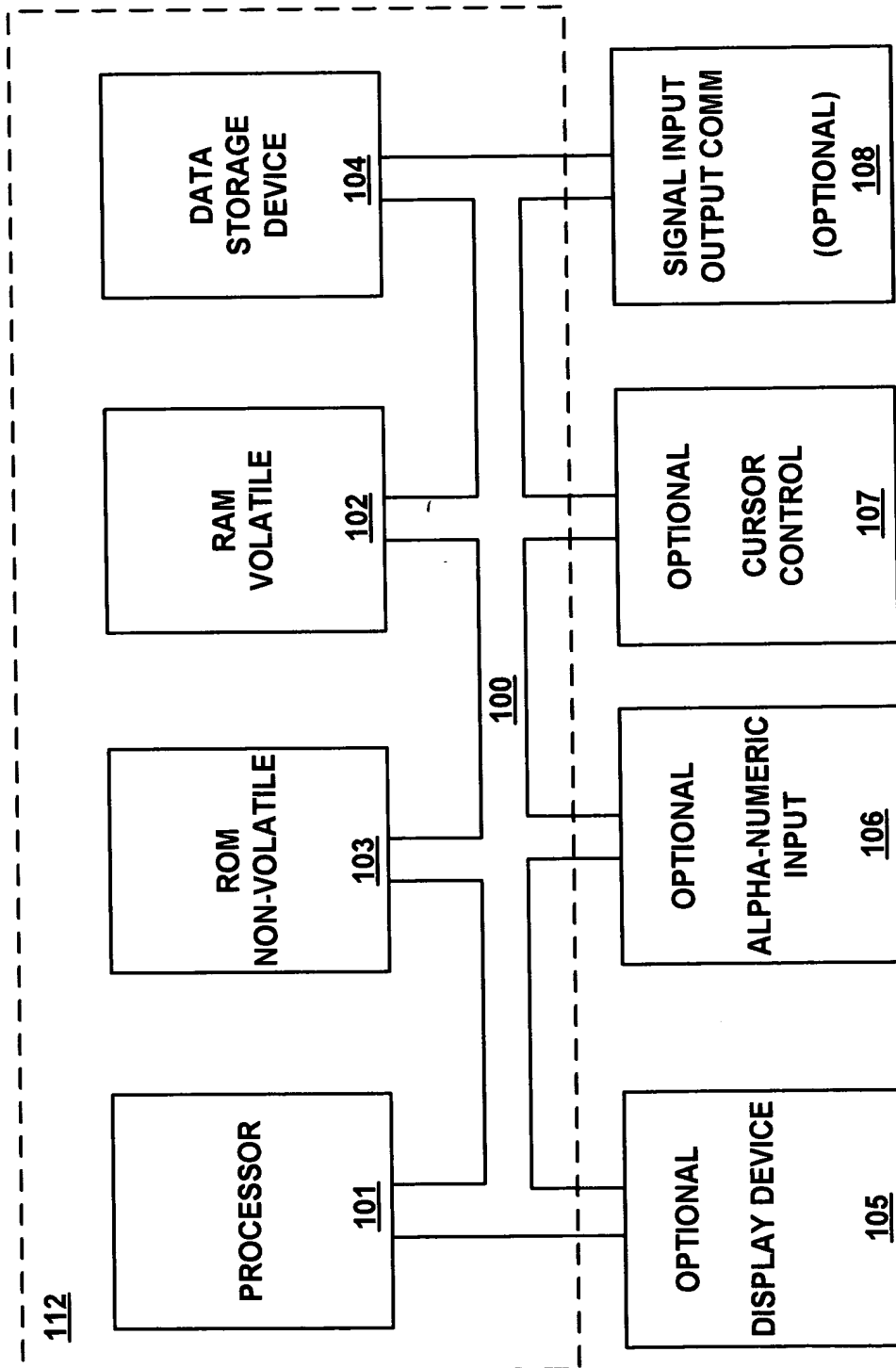


FIGURE 2

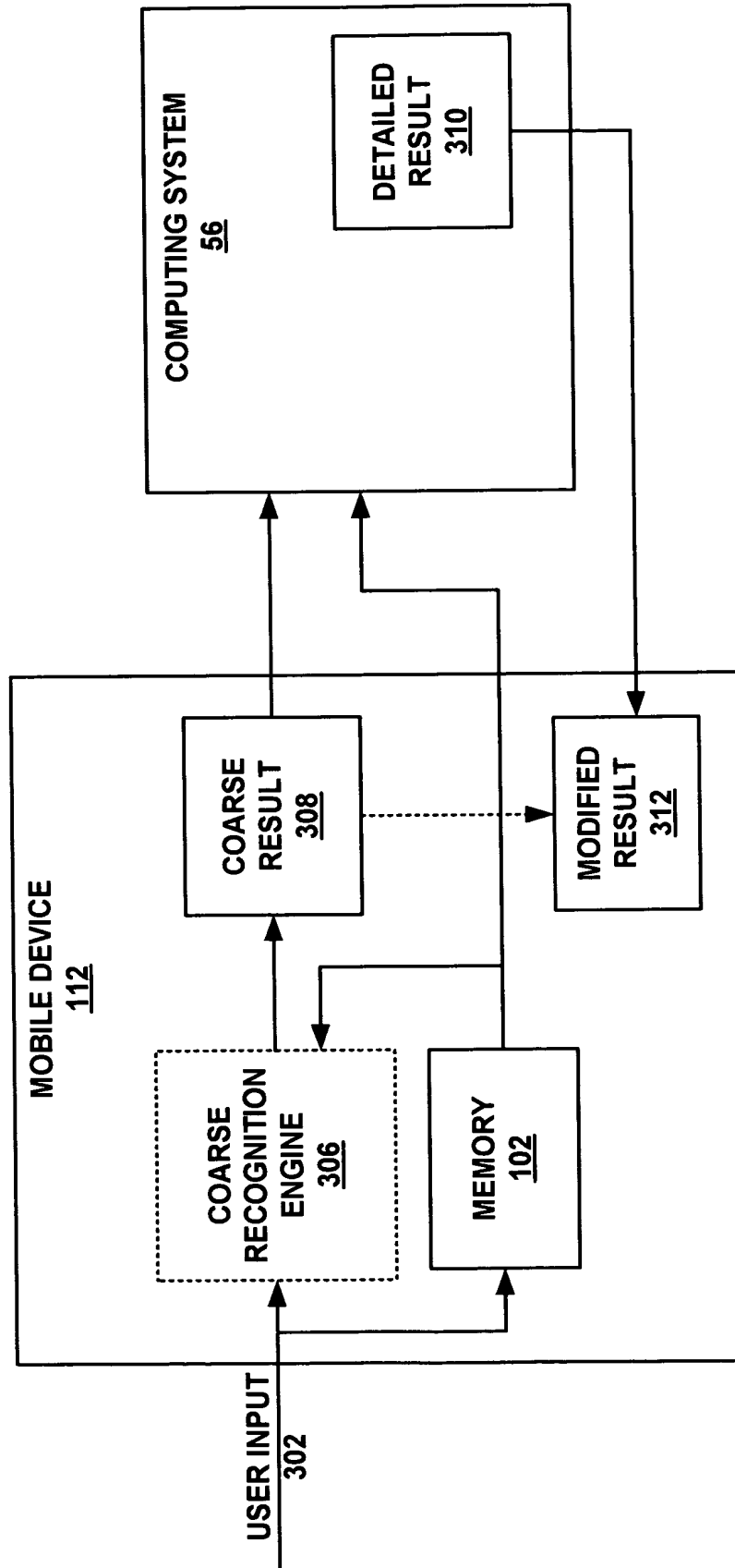


FIGURE 3

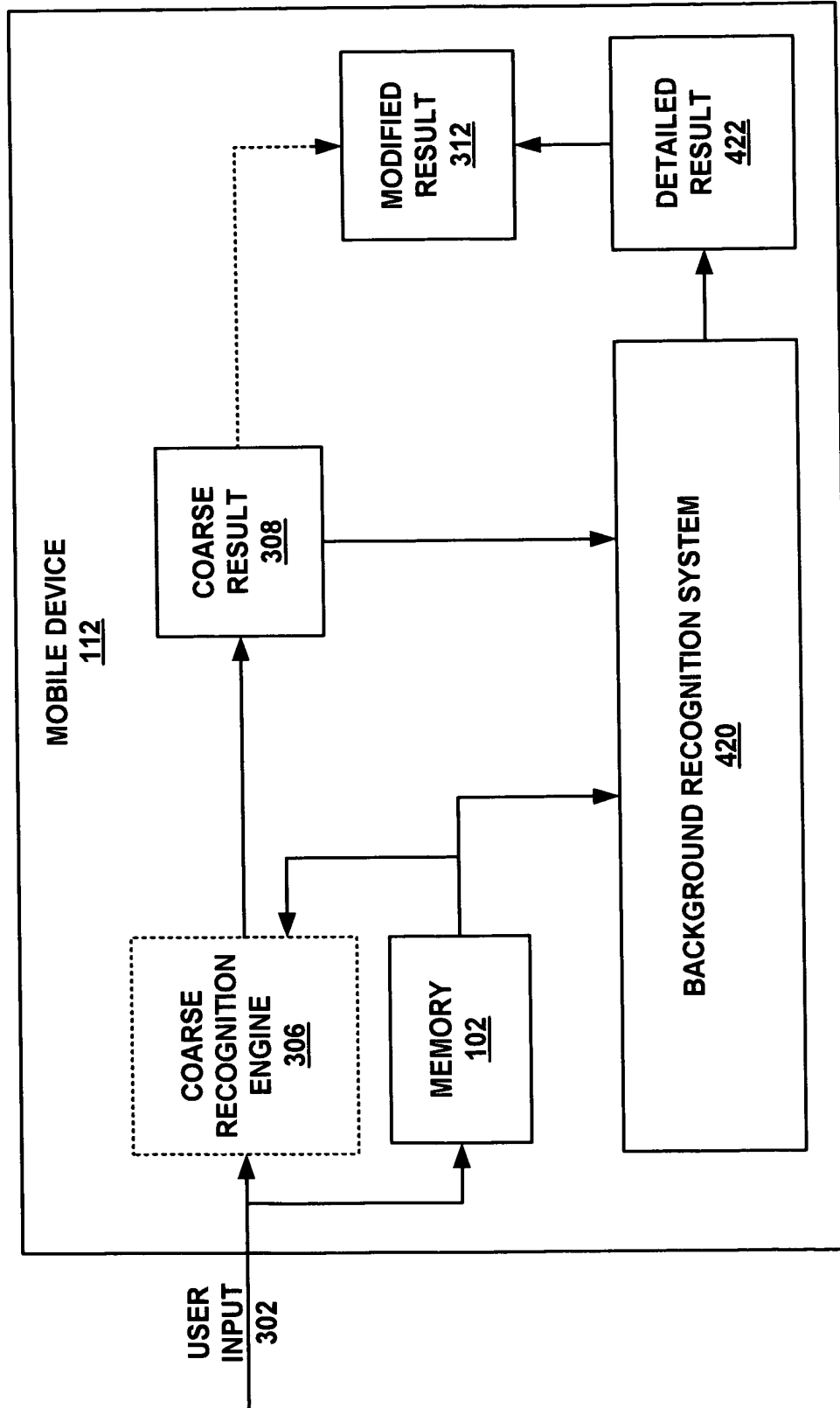


FIGURE 4

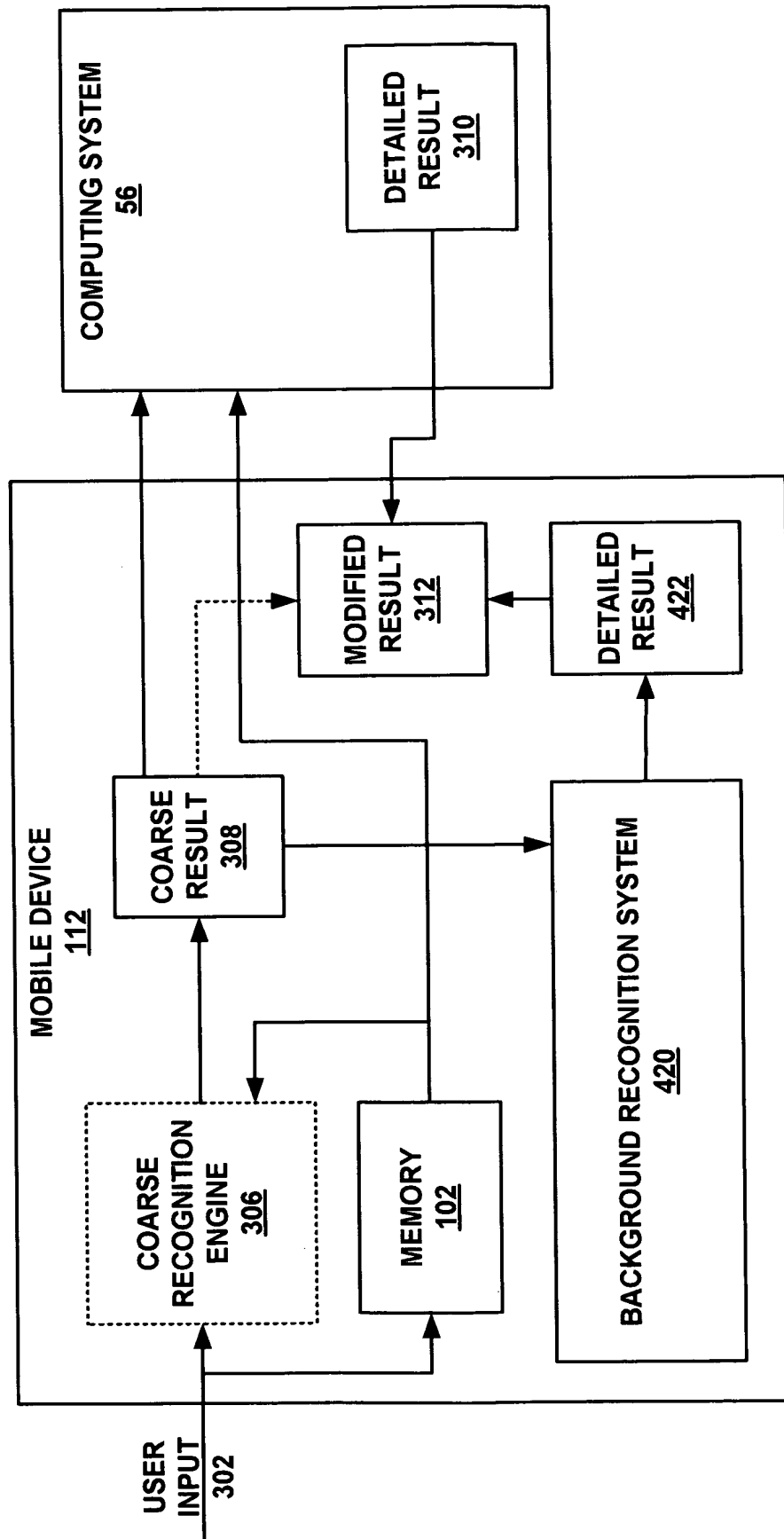


FIGURE 5

600

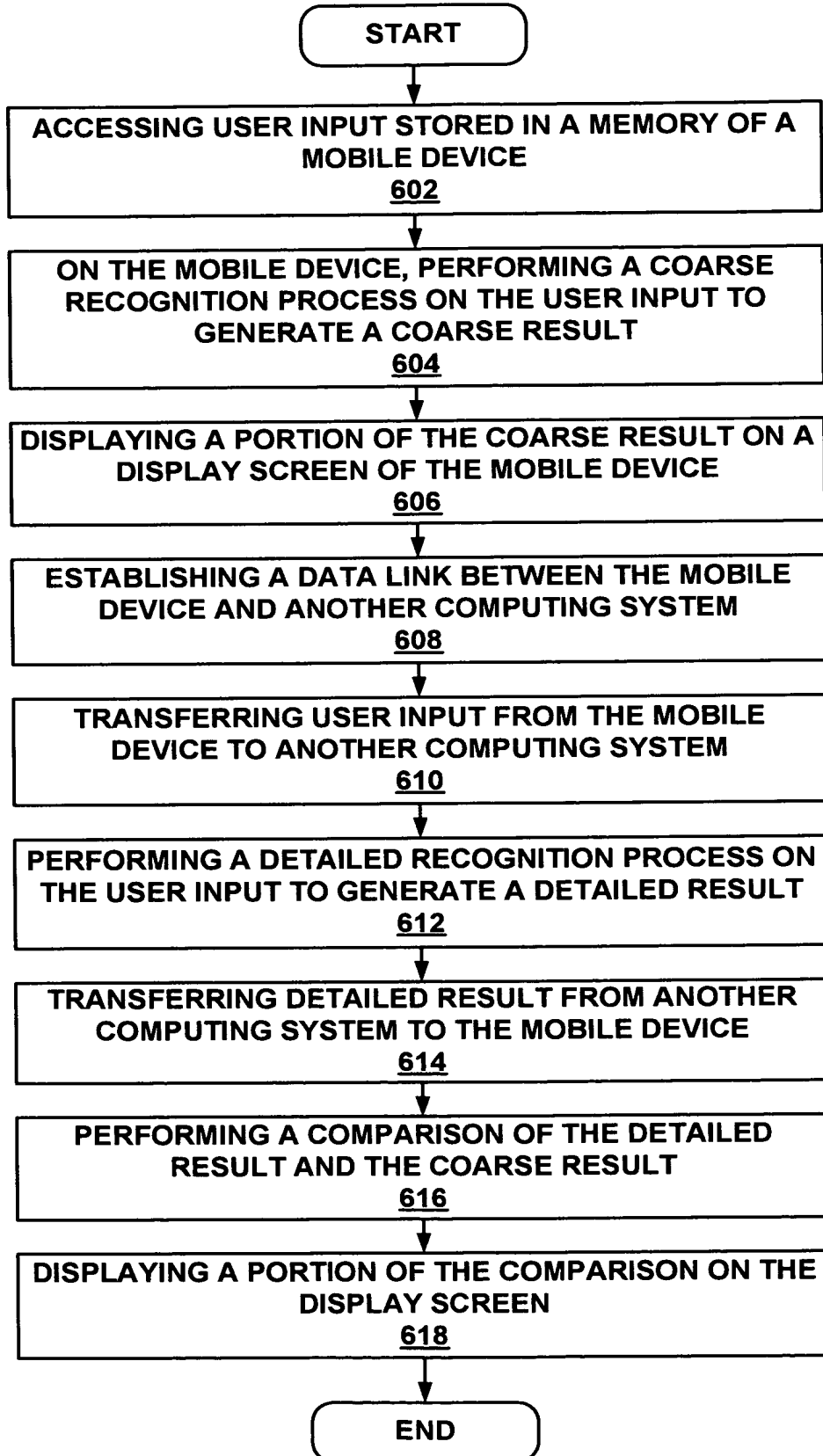


FIGURE 6

7/9

700

START

ACCESSING USER INPUT STORED IN A MEMORY OF A
MOBILE DEVICE

702

ON THE MOBILE DEVICE, PERFORMING A COARSE
RECOGNITION PROCESS ON THE USER INPUT TO
GENERATE A COARSE RESULT

704

DISPLAYING A PORTION OF THE COARSE RESULT ON A
DISPLAY SCREEN OF THE MOBILE DEVICE

706

TRANSFERRING USER INPUT FROM THE MOBILE
DEVICE MEMORY TO THE BACKGROUND RECOGNITION
SYSTEM

708

PERFORMING A DETAILED RECOGNITION PROCESS ON
THE USER INPUT TO GENERATE A DETAILED RESULT

710

TRANSFERRING THE DETAILED RESULT FROM THE
BACKGROUND RECOGNITION SYSTEM TO A
FOREGROUND APPLICATION OF THE MOBILE DEVICE

712

PERFORMING A COMPARISON OF THE DETAILED
RESULT AND THE COARSE RESULT

714

DISPLAYING A PORTION OF THE COMPARISON ON THE
DISPLAY SCREEN

716

END

FIGURE 7





MOBILE DEVICE
112

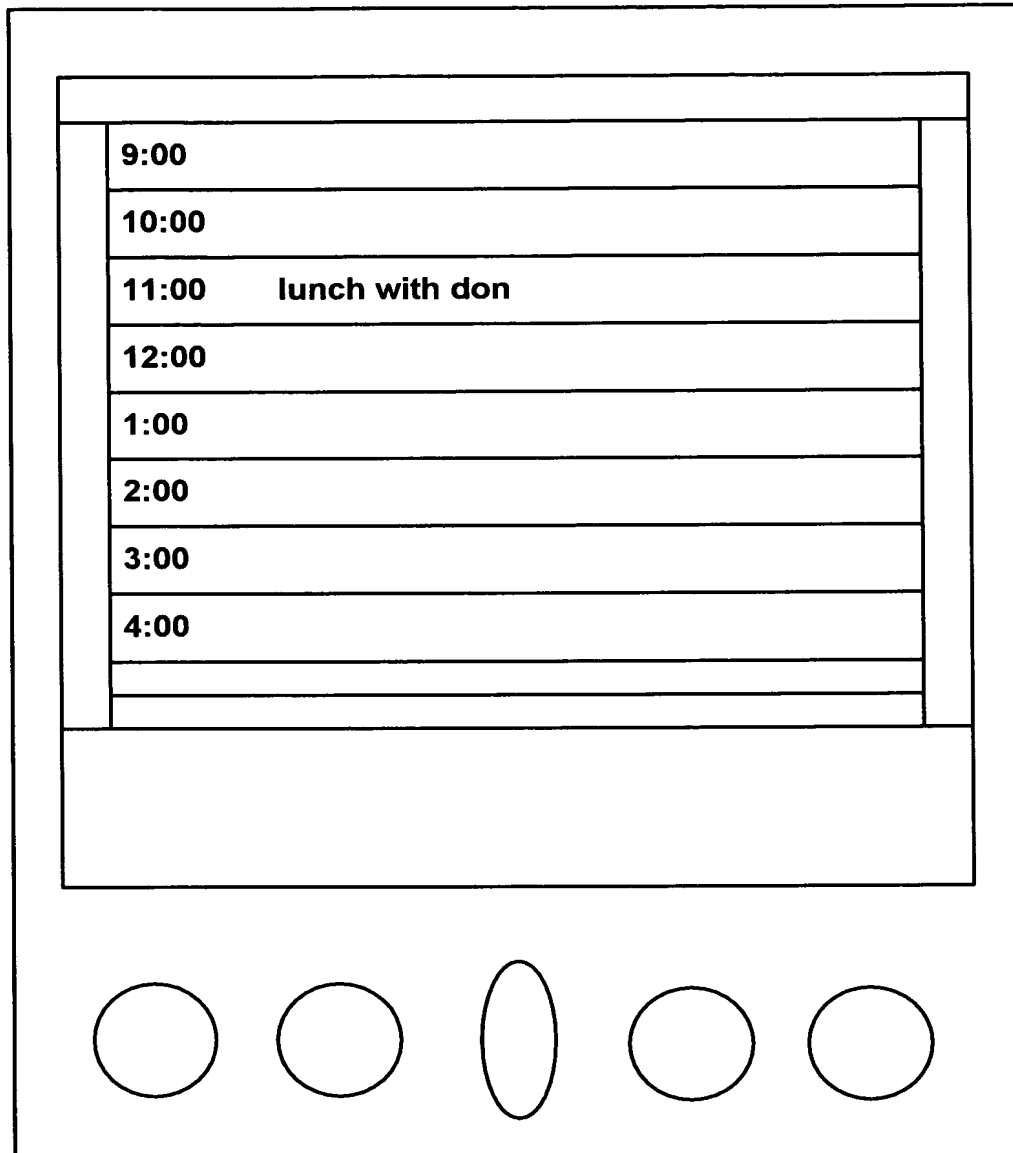


FIGURE 8A



MOBILE DEVICE
112

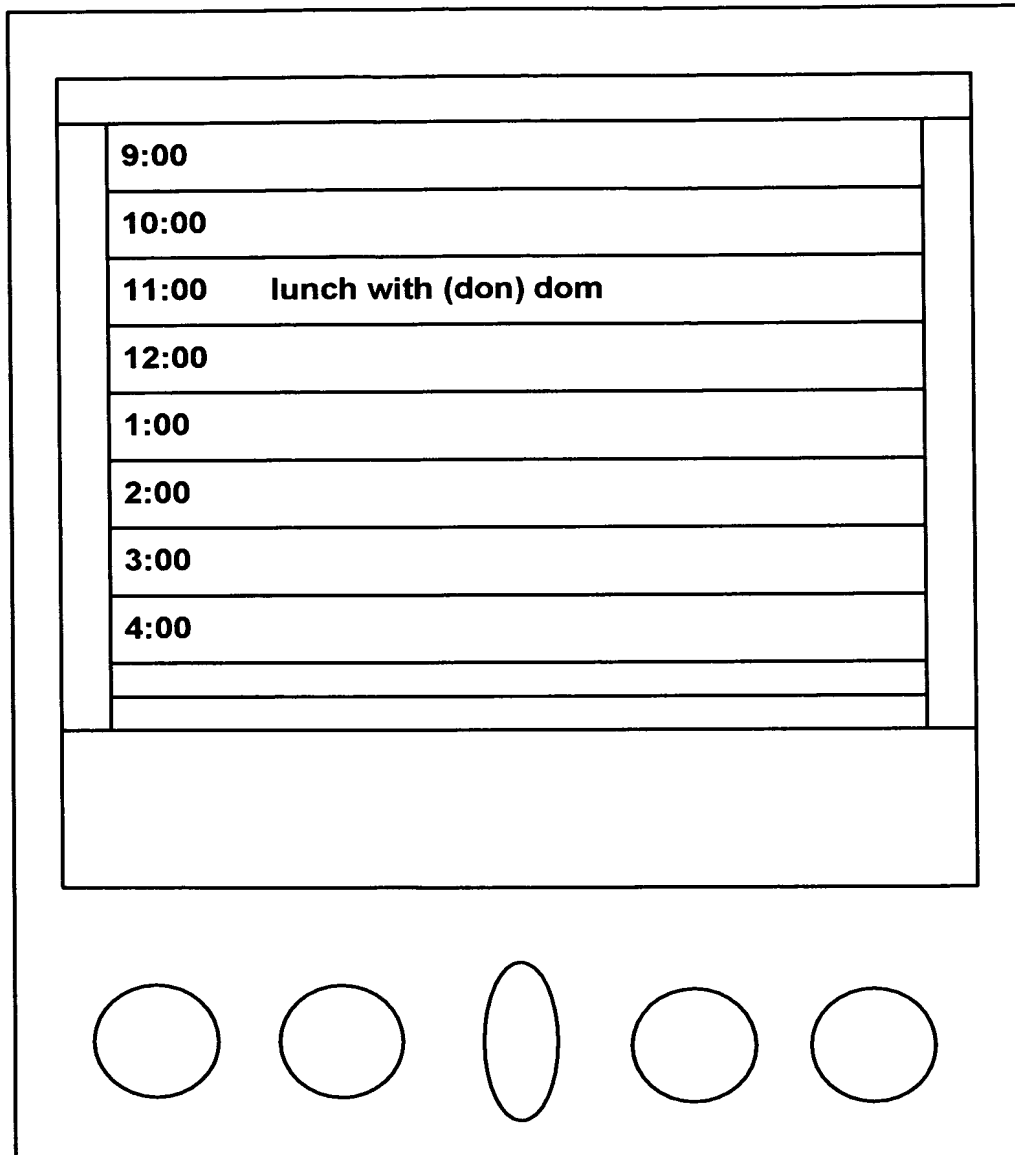


FIGURE 8B